



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, March 31, 2018
Issued: 0800 CT

Day One Hazards: *No significant weather impacts.*

Moderate to major river flooding continues across portions of SE TX, LA, and S AR.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- No significant weather impacts expected

Sunday - Monday

- Light freezing rain possible across portions of central & N OK into NW AR Sunday night into Monday morning
 - Only light accumulations but travel could be impacted especially given that it's a holiday weekend
- Elevated to Critical Fire Weather Conditions possible for portions of NM into Far W TX

Tuesday - Wednesday

- A few strong to severe storms possible for central/eastern parts of TX/OK into much of AR & LA
- Isolated heavy rain/flooding also possible for central/eastern TX into AR/LA
- No significant weather impacts Wednesday

River Flood Status

- Moderate to major river flooding continues for portions of SE TX, LA, and S AR
 - Major flooding is occurring at Goodrich and forecast at Liberty in SE TX on the Trinity River as releases from Lake Livingston continue to increase. Homes and roadways could be impacted.
 - Toledo Bend on the Sabine River is also raising releases causing major flooding at Bon Weir and moderate flooding at Deweyville in SE TX/SW LA which will impact homes and roadways
 - The east side of Houston has moderate flooding at Humble and major flooding near Splendora impacting homes & roadways
 - New moderate to major flooding is expected this weekend in SW LA on the Calcasieu River which will impact several roads
 - Moderate to Major Flooding will continue into next week for the Ouachita River in AR/LA and the Atchafalaya River in LA

FEMA Region 6 Threat Matrix

Mar 31, 2018 – Apr 4, 2018

DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms				Central & Eastern OK/TX into much of LA & AR	
Heavy Rain / Flash Flooding				Central & E TX into LA & AR	
Fire Weather		Central & S NM into Far W TX	E NM into Far W TX		
Winter		Central & N OK, NW AR (Late)	Central & N OK, NW AR (Early)		
River Flooding	SE TX, SW LA				
	SE & NE LA, S & NE AR				

- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Major flooding is occurring at Goodrich, TX and forecast for Liberty, TX on the Trinity River in SE TX as releases from Lake Livingston continue to increase. Some homes and roadways could be impacted.

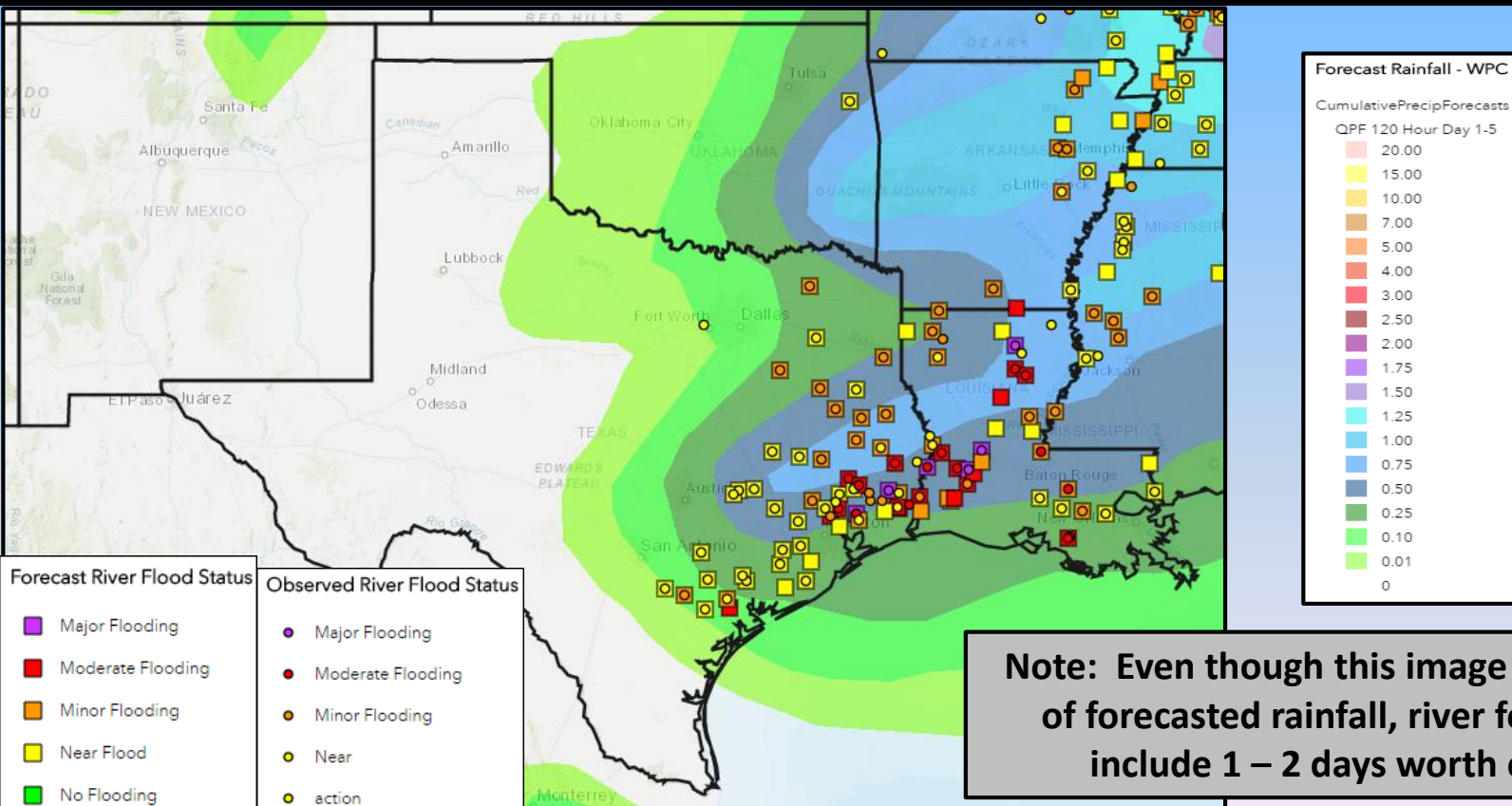
Toledo Bend on the Sabine River is also raising releases causing major flooding at Bon Weir and moderate at Deweyville which will impact homes and roadways.

The east side of Houston has moderate flooding at Humble and major flooding near Splendora impacting homes & roadways.

New moderate to major flooding is expected this weekend in SW LA on the Calcasieu River which will impact several roads.

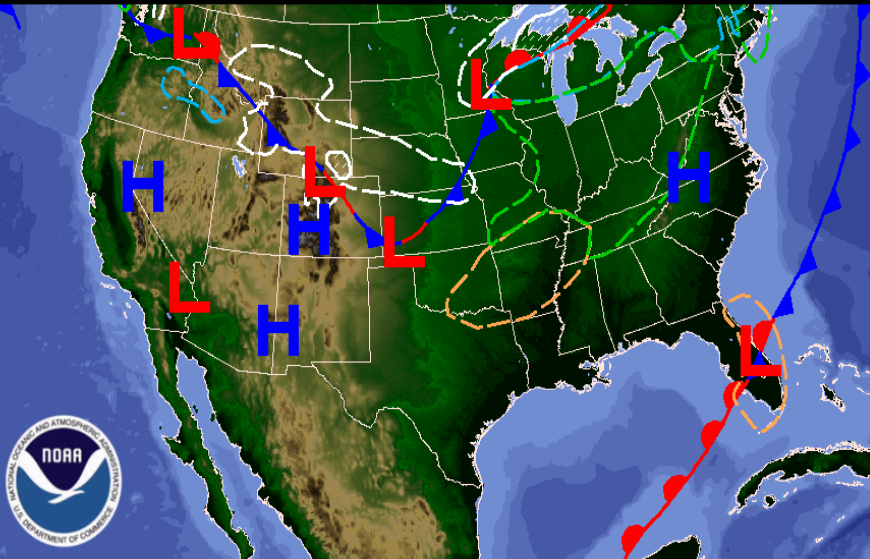
Moderate to Major Flooding will continue into next week for the Ouachita River in AR/LA and the Atchafalaya River in LA.

The MS River at Baton Rouge is expected to fall into minor flood stage today.



See <http://water.weather.gov/ahps> for the latest on river flooding

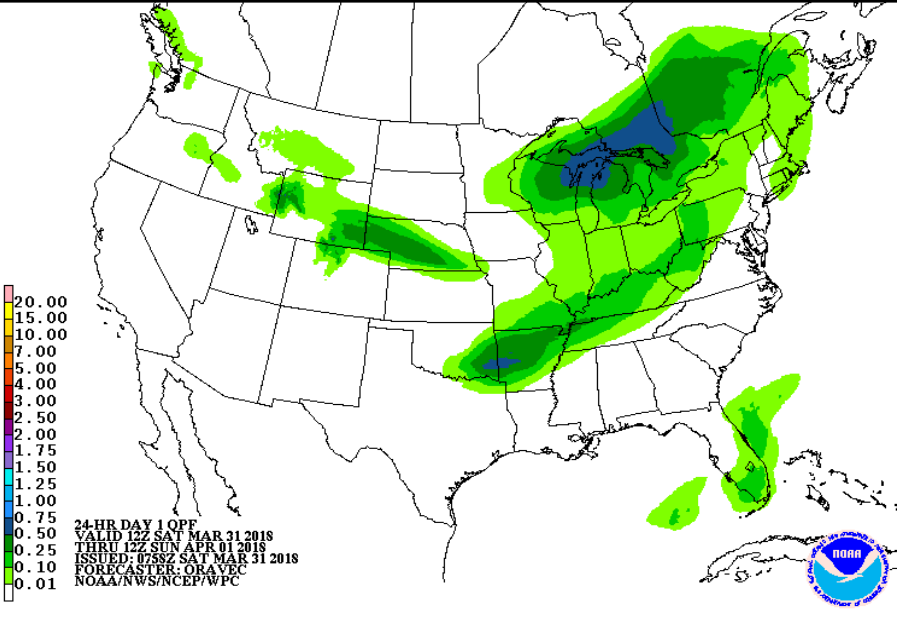
Today's Weather



Day 1 National Forecast Chart

Valid Sat, Mar 31, 2018, issued 4:23 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Oravec with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



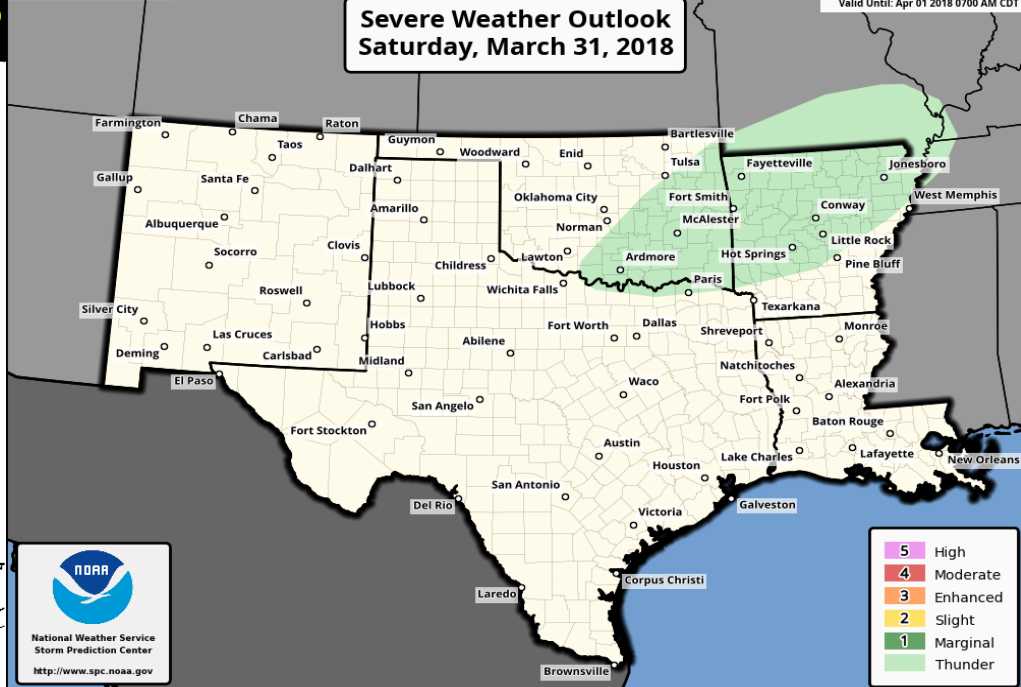
24 HR DAY 1 OPI
VALID 12Z SAT MAR 31 2018
THRU 12Z SUN APR 01 2018
ISSUED: 0758Z SAT MAR 31 2018
FORECASTER: ORAVEC
NOAA/NWS/NCEP/WPC

No significant weather impacts.

Highlighted Area: FEMA Region 6

Severe Weather Outlook Saturday, March 31, 2018

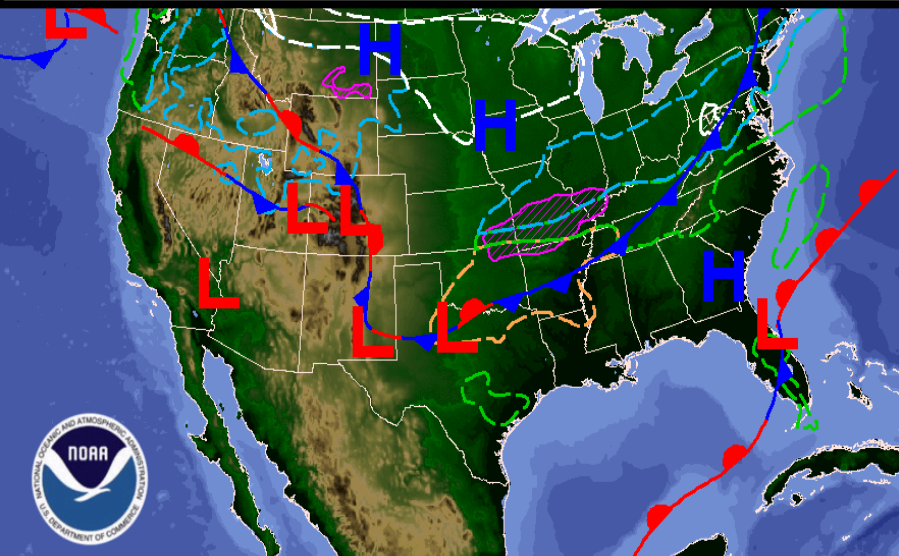
Last Updated: Mar 31 2018 1238 AM CDT
Valid Until: Apr 01 2018 0700 AM CDT



NOAA
National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

Tomorrow's Weather



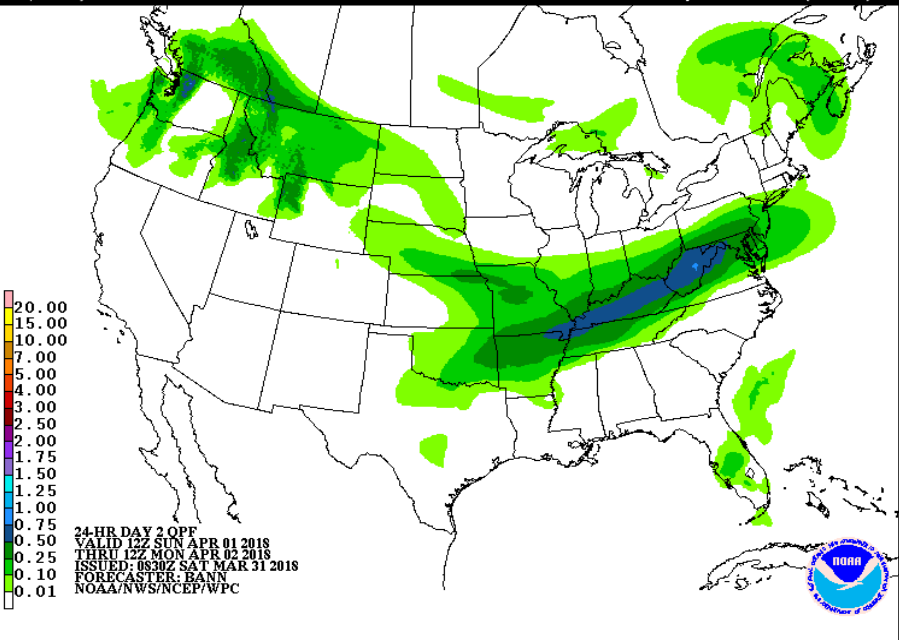
Light freezing rain possible Sunday night into Monday morning for portions of central & northern OK into NW AR. Light accumulations are expected at this time, but travel could still be impacted especially given that it's a holiday weekend.

Elevated fire weather conditions for central and southern NM into Far West TX.

Day 2 National Forecast Chart

Valid Sun, Apr 01, 2018, issued 4:22 AM EDT Sat, Mar 31, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Gallina with WPC/SPC/NHC forecasts

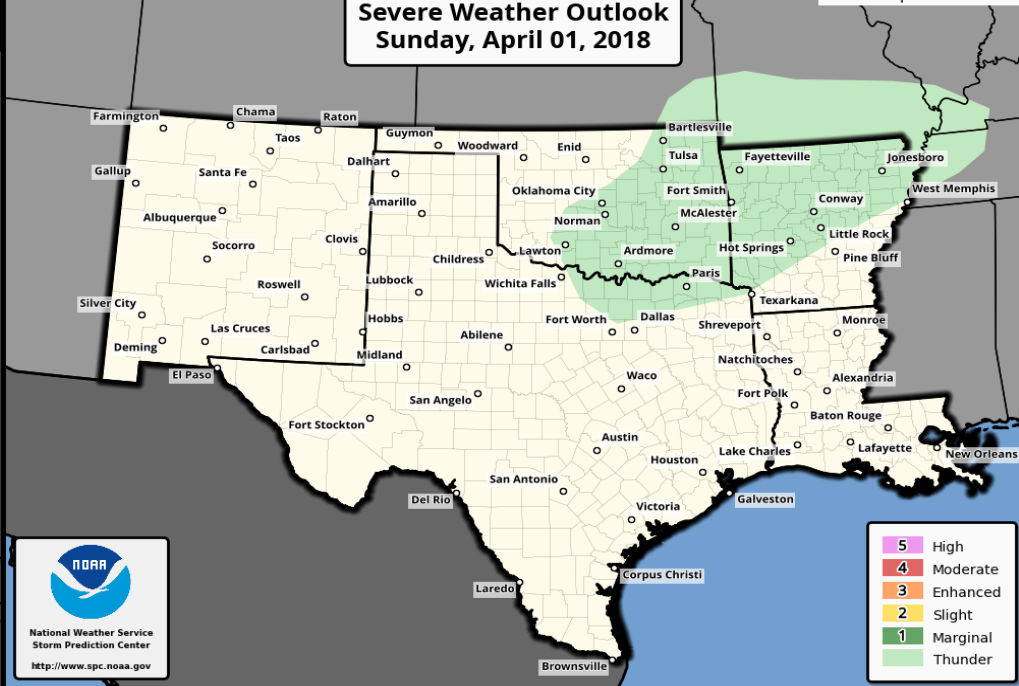
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



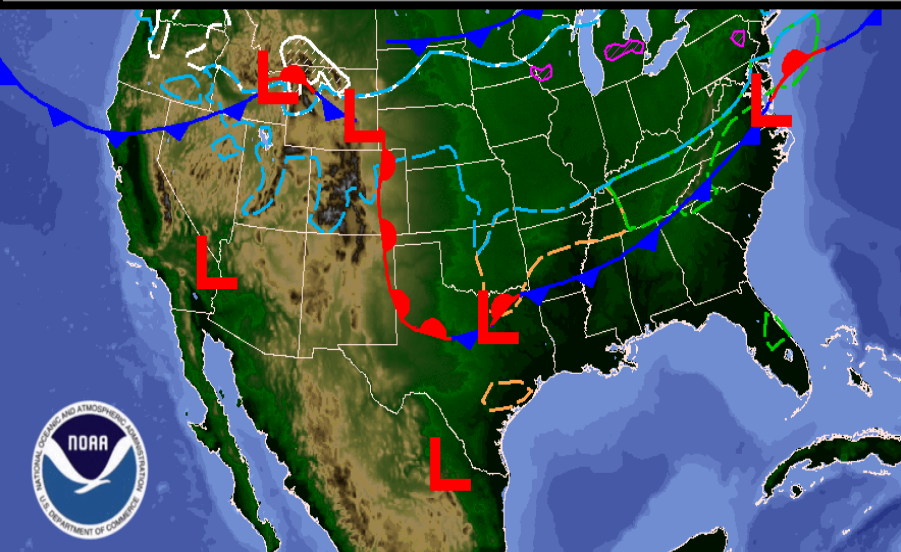
Highlighted Area: FEMA Region 6

Severe Weather Outlook Sunday, April 01, 2018

Last Updated: Mar 31 2018 1233 AM CDT
Valid Until: Apr 02 2018 0700 AM CDT



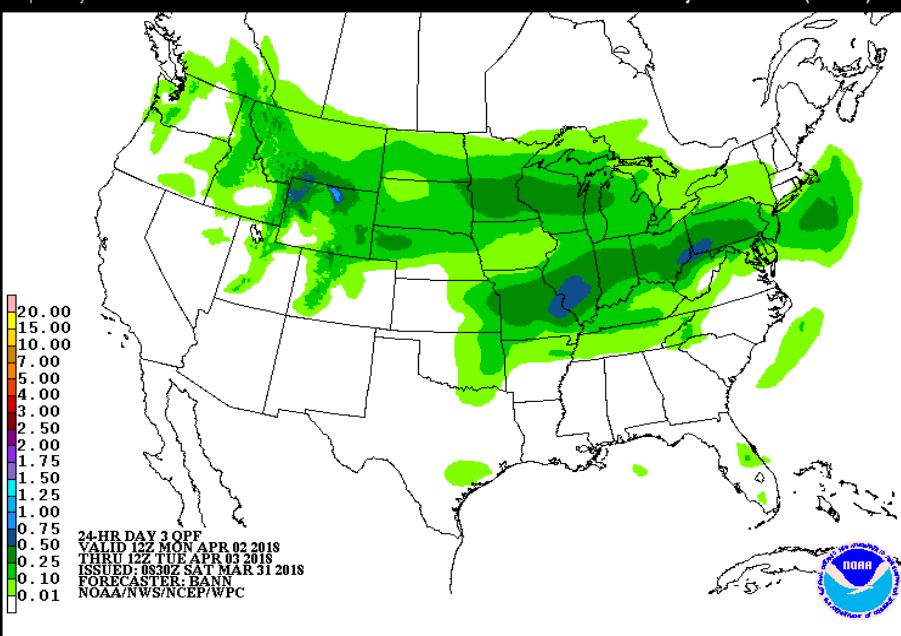
Monday's Weather



Day 3 National Forecast Chart

Valid Mon, Apr 02, 2018, issued 4:20 AM EDT Sat, Mar 31, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Reinhart with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



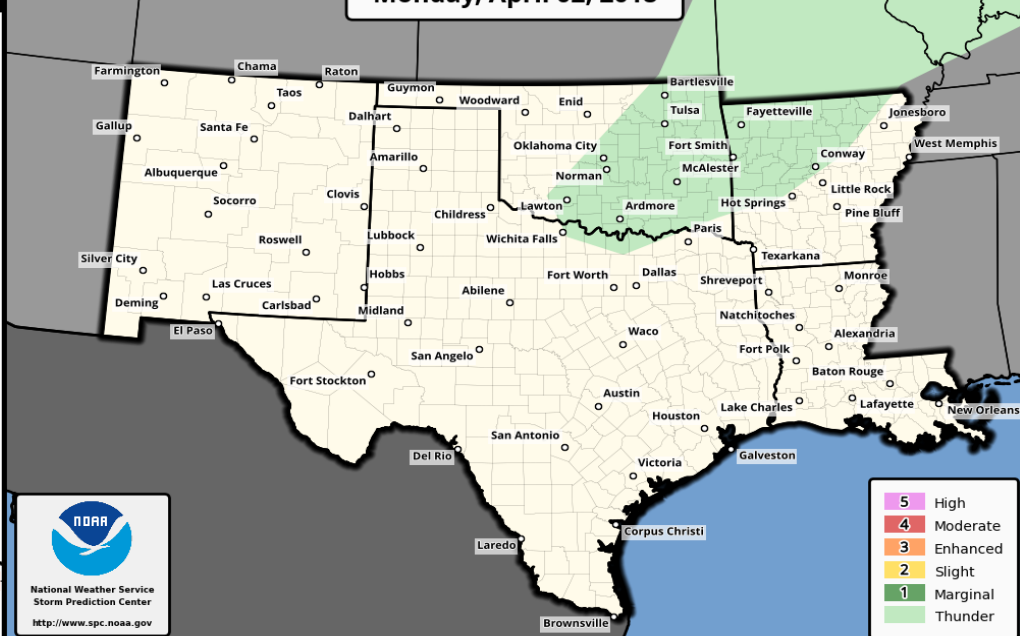
Light freezing rain possible Monday morning for portions of central & northern OK into NW AR. Light accumulations are expected at this time, but travel could still be impacted especially given that it's a holiday weekend.

Critical fire weather conditions for E NM into Far West TX.

Highlighted Area: FEMA Region 6

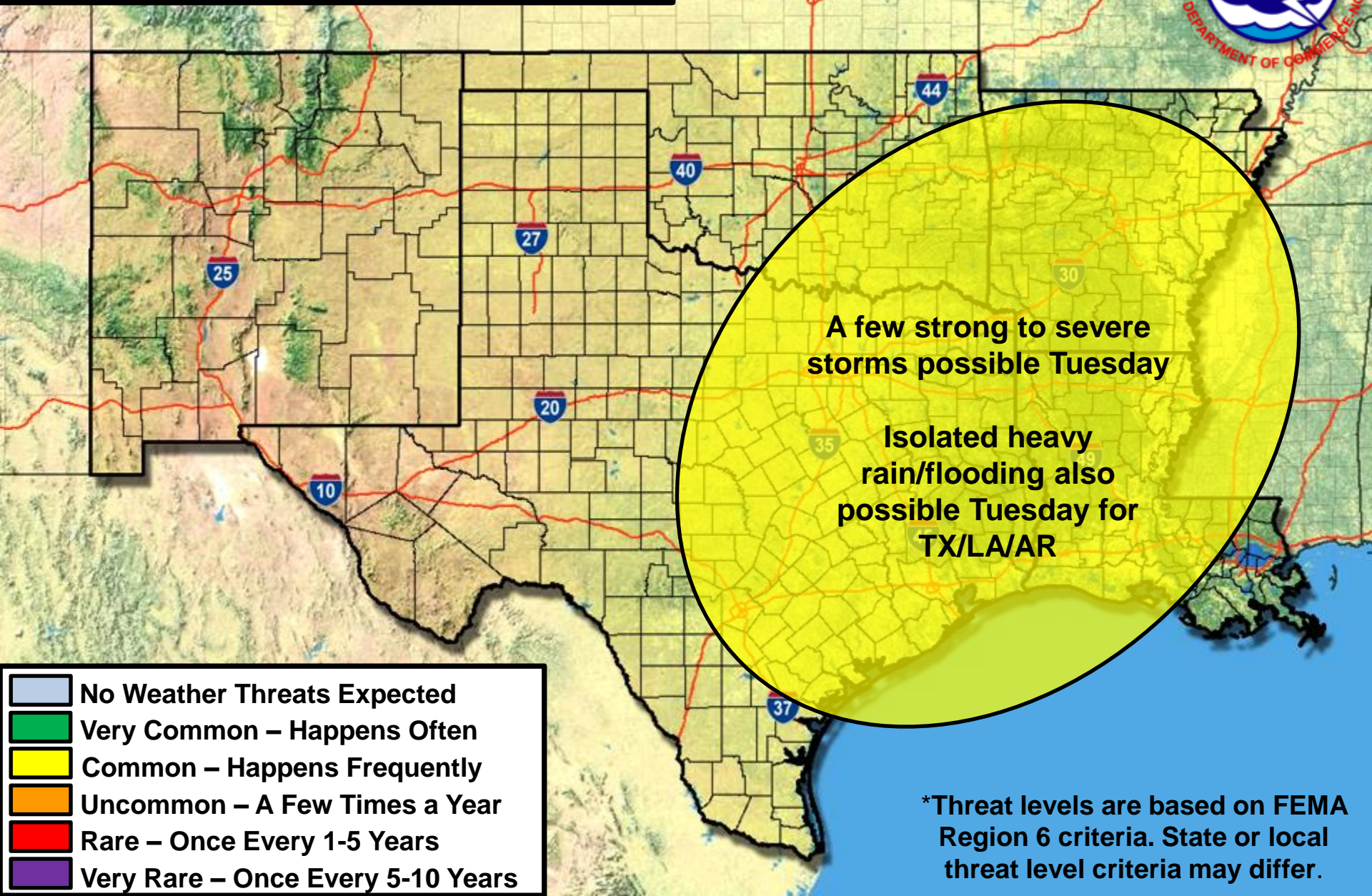
Severe Weather Outlook Monday, April 02, 2018

Last Updated: Mar 31 2018 0236 AM CDT
Valid Until: Apr 03 2018 0700 AM CDT



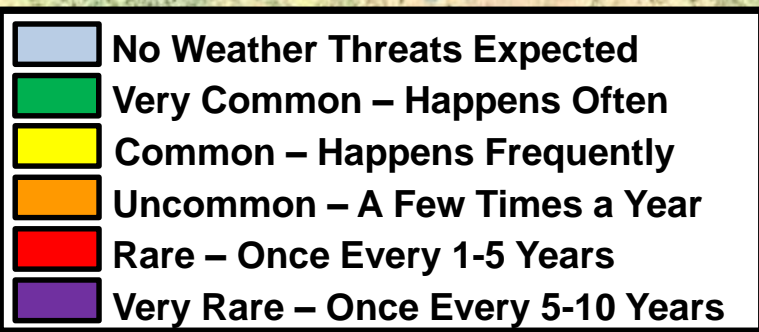
Day 4-5 Weather Hazards

Tuesday - Wednesday

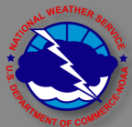


A few strong to severe storms possible Tuesday

Isolated heavy rain/flooding also possible Tuesday for TX/LA/AR

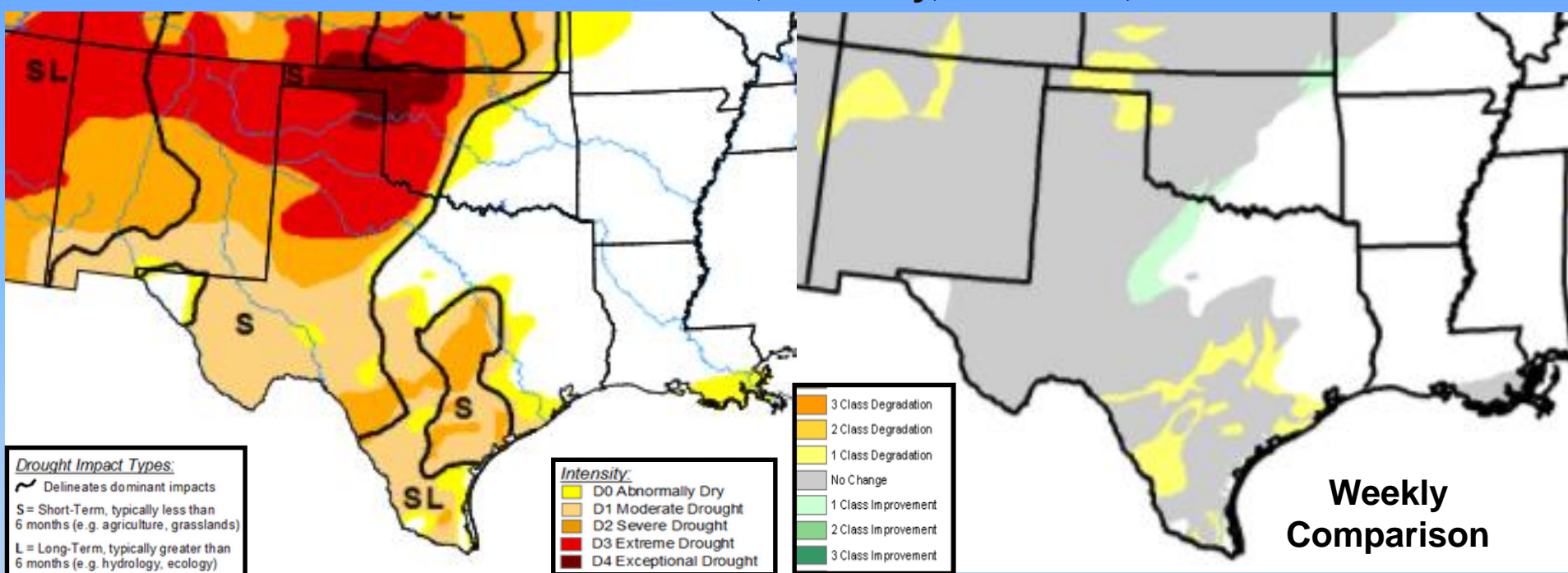


***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



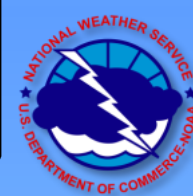
Drought Monitor Released March 29, 2018

Data valid as of 6am CDT, Tuesday, March 27, 2018



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	2.37%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	34.93%	34.93%	0.00%	2.99%
Texas	15.08%	15.08%	0.11%	0.00%
New Mexico	34.06%	25.60%	0.00%	0.00%

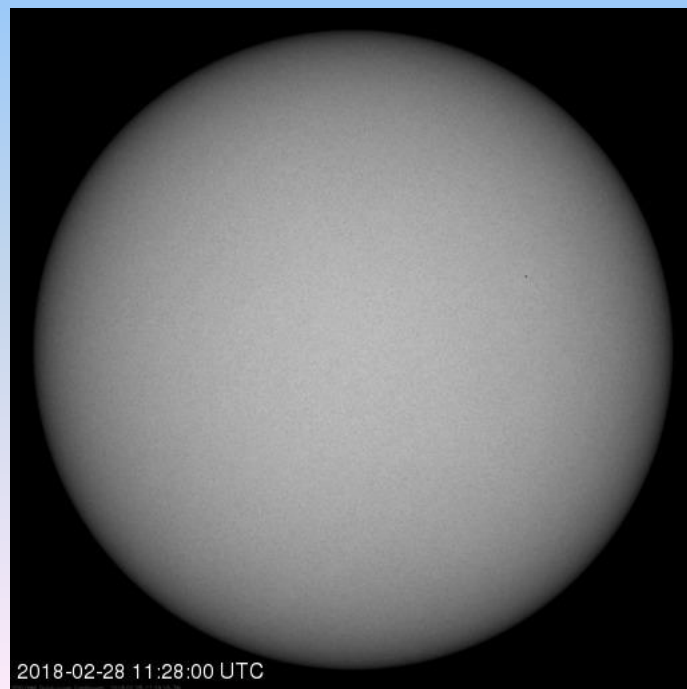
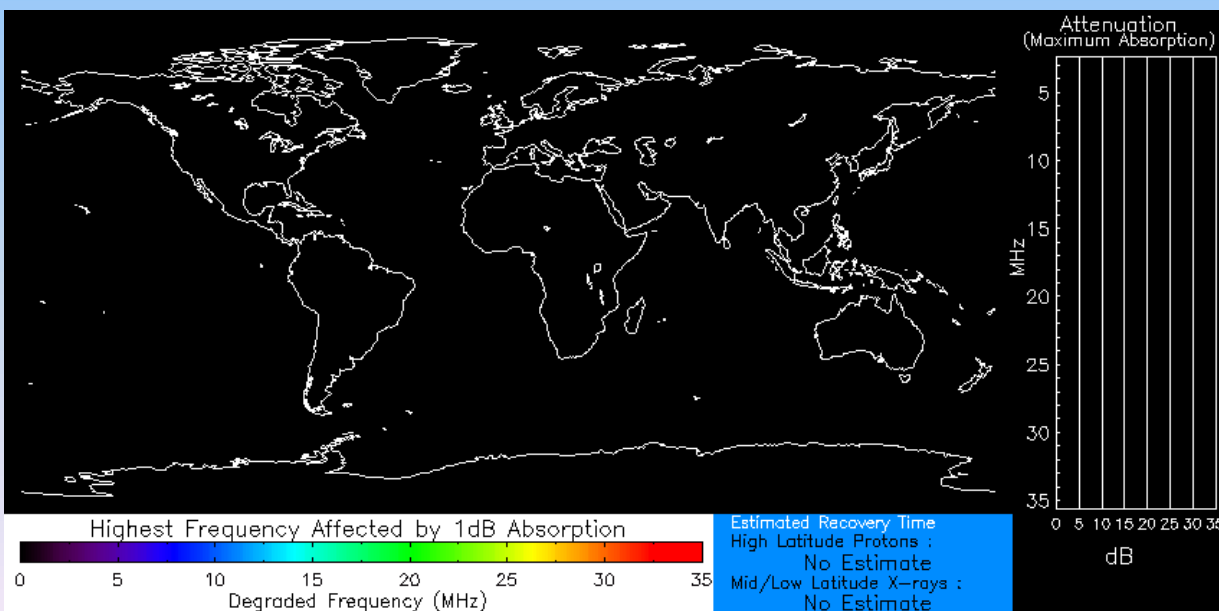
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2018-03-31 12:45 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2018-02-28 11:28:00 UTC

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms